

POPULATING A DATABASE WITH INFERRRED DEPENDENCIES**ABSTRACT**

- 5 Populating a database, including providing a database having a schema; inferring from the schema dependencies among a fact table and related dimension tables; and inserting, in accordance with the dependencies, rows of data into the fact table and rows of data into the dimension tables. In typical embodiments, inferring dependencies further comprises selecting from metadata describing a schema for the
- 10 database expressions of dependencies and inserting the expressions of dependencies into a dependency list. In typical embodiments, wherein inserting rows of data further comprises determining whether related dimension data exists for each foreign key in each row of data inserted into the fact table and for each foreign key for which related dimension data does not exist, inserting a row of dimension data into a dimension
- 15 table related to the fact table through the foreign key.